

INFORMATION DISCLOSURE STATEMENT

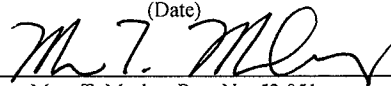
Applicant : Koller et al.
App. No : 10/801,931
Filed : March 15, 2004
For : METHODS FOR PURIFICATION OF
CELLS BASED ON PRODUCT
SECRETION
Examiner : Ralph J. Gitomer
Art Unit : 1657

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July 9, 2007

(Date)



Marc T. Morley, Reg. No. 52,051

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:


Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing 124 references to be considered by the Examiner. Also enclosed are 59 foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed before the mailing date of a final action and before the mailing of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: July 9, 2007

By: 

Marc T. Morley
Registration No. 52,051
Attorney of Record
Customer No. 20,995
(619) 235-8550

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	10/801,931
	Filing Date	March 15, 2004
	First Named Inventor	Koller, et al.
	Art Unit	1657
(Multiple sheets used when necessary)	Examiner	Ralph J. Gitomer
SHEET 1 OF 6	Attorney Docket No.	ONCOSIS.007A

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	US 2004/0180437 (App. No. 10/814,966)	09-16-2004	Koller et al.	
	2	Non-Final Office Action '966 App.	10-05-2006		
	3	Response '966 App.	11-02-2006		
	4	Non-Final Office Action '966 App.	1-31-2007		
	5	Response '966 App.	02-22-2007		
	6	Notice of Allowance '966 App.	06-04-2007		
	7	US 2005/0095578 (App. No. 10,698,343)	05-05-2005	Koller et al.	
	8	Office Action '343 App.	03-24-2005		
	9	Response '343 App.	04-22-2005		
	10	Office Action '343 App.	05-13-2005		
	11	Response '343 App.	11-14-2005		
	12	Office Action '343 App.	01-27-2006		
	13	Notice of Appeal '343 App.	07-27-2006		
	14	Pre-brief Conference Request '343 App.	07-27-2006		
	15	Pre-Brief Appeal Conference Decision '343 App.	09-06-2006		
	16	US 2003/0219892 (App. No. 10/359,483)	11-27-2003	Palsson et al.	
	17	Preliminary Amendment to '483 App.	09-22-2004		
	18	Restriction Requirement '483 App.	09-21-2005		
	19	Applicant Amendment '483 App.	10-20-2005		
	20	Non-Final Rejection '483 App.	07-21-2006		
	21	Amendment and Response '483 App.	11-03-2006		
	22	Final Office Action '483 App.	01-25-2007		
	23	Examiner Interview Summary '483 App.	04-26-2007		

Examiner Signature	Date Considered
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	24	Amendment and Response '483 App.	06-25-2007		
	25	3,674,926	07/04/72	Dewey et al.	
	26	4,000,417	12-1976	Adkisson et al.	
	27	4,165,149	08-1979	Suzki et al.	
	28	4,624,915	11/25/86	Schindler et al.	
	29	4,803,992	02/14/89	Lemelson	
	30	4,998,284	03-1991	Bacus et al.	
	31	5,031,099	07-1991	Kettler, Albrecht	
	32	5,053,693	10/01/91	Bohnert et al.	
	33	5,089,384	02/18/92	Hale	
	34	5,093,866	03-1992	Douglas-Hamilton et al.	
	35	5,103,660	04/14/92	Johnson	
	36	5,158,889	10/27/92	Hirako et al.	
	37	5,188,633	02/23/93	Kratzer et al.	
	38	5,202,230	04-13-1993	Kamentsky, Louis A.	
	39	5,257,182	10-1993	Luck et al.	
	40	5,272,081	12/21/93	Weinreb et al.	
	41	5,298,963	03/29/94	Moriya et al.	
	42	5,523,543	06/04/96	Hunter, Jr. et al.	
	43	5,422,720	06-06-1995	Berndt, Klaus W	
	44	5,785,703	07/28/98	Goodman et al.	
	45	5,874,266	02/23/99	Palsson	
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	47	5,952,651	09-1999	Morito et al.	
	48	6,005,256	12/21/99	McGlynn et al.	
	49	6,007,814	12/28/99	Scheinberg	
	50	6,040,139	03/21/00	Bova	
	51	6,122,396	09/19/00	King et al.	
	52	6,143,535	11/07/00	Palsson	

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SHEET 3 OF 6

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	53	6,148,096	11/14/00	Pressman et al.	
	54	6,215,892	04-2001	Douglass et al.	
	55	6,275,777	08-2001	Shimizu, Kotaro	
	56	6,298,264	10-02-2001	Zhong et al.	
	57	6,315,772	11-13-2001	Marchitto et al.	
	58	6,381,224	04/30/02	Lane et al.	
	59	6,424,863	07-23-2002	Flock, Stephen T.	
	60	6,514,722	02-2003	Palsson et al.	
	61	6,534,308	03-18-2003	Palsson et al.	
	62	6,753,161	06-22-2004	Koller et al.	
	63	6,642,018	11-04-2003	Koller et al.	
	64	7,129,070	10-31-2006	Palsson	
	65	7,132,289	11-07-2006	Kobayashi et al.	

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Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
	66	EP 0 662 512	07/12/95	Europe		
	67	JP 63-259465	04/17/87	Japan		
	68	WO 89/01630	02/23/89	Nemeth et al.		
	69	WO 97/11156	03-27-1997	BOVA, G., Steven		
	70	WO 98/52016	11/19/98	Raz, Ryan S.		
	71	RU 2054486C1	02-20-1996	PETUKHOV VALERIJ		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	72	ANDERSEN et al., "Failure of immunologic purging in mantle cell lymphoma assessed by polymerase chain reaction detection in minimal residual disease," Blood, 90: 4212-4221 (1997)	

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	73	BORTH et al., "Efficient Selection of High-Producing Subclones During Gene Amplification of Recombinant Chinese Hamster Ovary Cells by Flow Cytometry and Cell Sorting," <i>Institute for Applied Microbiology</i> pgs. 266-273 (2001).	
	74	BREZINSKY et al. "A Simple Method for Enriching Populations of Transfected CHO Cells for Cells of Higher Specific Productivity", <i>Journal of Immunological Methods</i> 277 (2003) 141-155.	
	75	BRITTBERG et al., "Treatment of deep cartilage defects in the knee with autologous chondrocyte transplantation," <i>N.E.J. Med.</i> , 331: 889-895 (1994)	
	76	BROCKSTEIN et al., "Tumor cell contamination of bone marrow harvest products: Clinical consequences in a cohort of advanced-stage breast cancer patients undergoing high-dose chemotherapy," <i>J. Hematotherapy</i> , 5: 617-624 (1996)	
	77	BRUGGER et al., "Mobilization of Tumor Cells and Hematopoietic Progenitor Cells Into Peripheral Blood of Patients with Solid Tumors," <i>Blood</i> , 83: 636-640 (1994)	
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	81	COSSMAN et al., "Reed-Sternberg cell genome expression supports a B-cell lineage," <i>Blood</i> , 94: 411-416 (1999)	
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	83	ELBASHIR et al. "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells." <i>Nature</i> , 411: 494-498 (2001).	
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	85	GEE, Adrian P., "Part 5: Autologous Bone Marrow Purging," <i>Bone Marrow Processing and Purging</i> , 248-328 (1991)	
	86	GRAY et al. "Secretion capture and report web: use of affinity derivatized agarose microdroplets for the selection of hybridoma cells" <i>Journal of Immunological Methods</i> 182 (1995) 155-163.	
	87	GREER et al., "A Clonogenic Culture Method for the Identification of Breast Cancer Cells in Marrow Aspirates of Patients Receiving High-Dose Chemotherapy," <i>Blood</i> , 88: 252a, Abstract 996, 439-II (1996)	
	88	GRIBBEN et al., "Immunologic purging of marrow assessed by PCR before autologous bone marrow transplantation for B-cell lymphoma," <i>N.E.J. Med.</i> , 325: 1525-1533 (1991)	

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	89	GULATI et al., "Rationale for Purging in Autologous Stem Cell Transplantation," <i>Journal of Hematotherapy</i> , 2: 467-471 (1993)	
	90	HAN et al. "Quantum-dot-tagged microbeads for multiplexed optical coding of biomolecules." <i>Nat.Biotech.</i> , 19: 631-635 (2001).	
	91	HANANIA et al. "Automated In Situ Measurement of Cell-Specific Antibody Secretion and Laser-Mediated Purification for Rapid Cloning of Highly-Secreting Producers" <i>Wiley InterScience</i> .(2005) 872-876	
	92	HUANG et al., "Symmetry of initial cell divisions among primitive hematopoietic progenitors is independent of ontogenic age and regulatory molecules," <i>Blood</i> , 94: 2595-2604 (1999)	
	93	JASUJA et al., "Chemotactic responses of <i>Escherichia coli</i> to small jumps of photoreleased L-aspartate," <i>Biophysical Journal</i> , 76: 1706-1719 (1999)	
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	97	LAZARUS et al., "Does <i>In Vitro</i> Bone Marrow Purging Improve the Outcome after Autologous Bone Marrow Transplantation?," <i>Journal of Hematotherapy</i> , 2: 457-466 (1993)	
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	105	PEDERSEN, R. A., "Embryonic stem cells for medicine," <i>Sci. Amer.</i> , 280: 68-73 (1999)	
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	107	RILL et al., "Direct Demonstration that Autologous Bone Marrow Transplantation for Solid Tumors Can Return a Multiplicity of Tumorigenic Cells," <i>Blood</i> , 84: 380-383 (1994)	
	108	ROWLEY, SCOTT D., "Pharmacological Purging of Malignant Cells; Bone Marrow Transplantation," <i>Boston-Blackwell Scientific Publications</i> , 164-178 (1994)	
	109	SAGI et al. "Gene delivery into prostate cancer cells by holmium laser application." <i>Prostate Cancer and Prostatic Diseases</i> , 6: 127-130 (2003).	
	110	SCHULZE et al., "Tumor cell contamination of peripheral blood stem cell transplants and bone marrow in high-risk breast cancer patients," <i>Bone Marrow Transplant.</i> , 19: 1223-1228 (1997)	
	111	SCHUTZE et al., "Identification of expressed genes by laser-mediated manipulation of single cells," <i>Nature Biotechnol.</i> , 16: 737-742 (1998)	
	112	SHARP et al., "Significance of detection of occult Non-Hodgkin's Lymphoma in histologically uninvolved bone marrow by a culture technique, <i>Blood</i> , 79: 1074-1080 (1992)	
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	116	THEOCHAROUS et al., "The Detection and Genetic Analysis of Low Frequency Epithelial Tumor Cells in Patients with Breast Cancer," <i>Blood</i> , 88: 252a, Abstract 998, 441-II (1996)	
	117	THOMAS et al., "Direct Purging of Breast Carcinoma Cells with Anti-CD24 and/or Anti-Breast Carcinoma Antibodies Using a Novel Immunomagnetic Cell Depletion System," <i>Blood</i> , 88: 252a, Abstract 997, 440-II (1996)	
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	121	VERVOORDELDONK et al., "PCR-positivity in harvested bone marrow predicts relapse after transplantation with autologous purged bone marrow in children in second remission of precursor B-cell acute leukemia, <i>Br. J. Haematol.</i> , 96: 395-402 (1997)	
	122	VREDENBURGH et al., "The significance of tumor contamination in the bone marrow from high-risk primary breast cancer patients treated with high-dose chemotherapy and hematopoietic support," <i>Biol. Blood Marrow Transplant.</i> , 3: 91-97 (1997)	
	123	International Search Report from PCT/US01/07506	
	124	International Search Report from PCT/US00/32742	

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